DRAPER®

THE TOOL COMPANY

BELT AND DISC SANDER

■ STOCK No.50021 ■ PART No.BDS368

• INSTRUCTIONS •

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY TO ENSURE THE SAFE AND EFFECTIVE USE OF THIS TOOL.

GENERAL INFORMATION

This manual has been compiled by Draper Tools and is an integrated part of the power tool equipment, which should be kept with the machine.

This manual describes the purpose for which this tool has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that this manual is read before any operation of the machine, before performing any kind of adjustment to the machine, and prior to any maintenance tasks. By following all the general safety instructions contained in this manual, it will ensure both machine and operator safety, together with longer life of the tool itself.

All photographs and drawings in this manual are supplied by Draper Tools to help illustrate the operation of the machine.

Whilst every effort has been made to ensure accuracy of information contained in this manual, the Draper Tool policy of continuous improvement determines the right to make modifications without prior warning.

BELT AND DISC SANDER

■ STOCK No.50021 ■ PART No.BDS368

CONTENTS:

	Page No.
Contents/Declaration	1
Specification/Guarantee	2
Power Supply	3
Safety Warning/General Safety Instructions	4
Safety Instructions for Belt & Disc Sanders	5
Unpacking	6
Know your Belt & Disc Sander	7
Assembly	8 - 10
Operation	10 - 13
Maintenance/Troubleshooting	14
Optional Accessories	15

DECLARATION OF CONFORMITY

We
Draper Tools Ltd. Hursley Road, Chandler's Ford, Eastleigh, Hampshire.
SO53 1YF. England.

Declare under our sole responsibility that the product:

Stock Nos:- 50021.

Part Nos:- BDS368.

Description:- Belt & Disc Sander.

To which this declaration relates is in conformity with the following directive(s) 73/23/EEC & 89/336/EEC.

With reference to: BS3456: Part 201:1990.

JOHN DRAPER
Managing Director

25/07/96

SPECIFICATION

The Draper Tools policy of continuous improvement determines the right to change specification without notice.

Part No.	BDS368
Stock No.	50021
Belt size	915 x 100mm
Belt table size	100 x 152mm
Belt table tilt	0 - 45°
Belt speed	290M/min.
Disc size	200mm Ø
Disc table size	158 x 266mm
Disc table tilt	0 - 45°
Disc speed	2850RPM
Motor	350W (230V)
Dimensions	(L)500mm x (W)233mm x (H)265mm
Weight	20kg
Sound pressure level	70dB(A)

THIS BELT AND DISC SANDER IS DESIGNED SOLELY FOR WOOD, PLASTIC AND NONFERROUS METALS ONLY. ANY OTHER MATERIALS WILL CAUSE DAMAGE TO THE PRODUCT.

WEAR EAR AND FACE PROTECTION.

GUARANTEE

Draper tools have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should the machine develop any fault, pease return the complete tool to your nearest authorised warranty repair agent or contact Draper Tools Limited, Hursley Road, Chandler's Ford, Eastleigh, Hampshire. SO53 1YF. England. Telephone: (023) 8026 6355.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any personnel other than the authorised Draper warranty repair agent.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your Draper guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 month period.

Please note that this guarantee is an additional benefit and does not affect your statutory rights.

Draper Tools Limited.

POWER SUPPLY

CONNECTING YOUR MACHINE TO THE POWER SUPPLY: (230V ONLY)

To eliminate the possibility of an electric shock your machine has been fitted with a BS approved, non rewireable moulded plug and cable which incorporates a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced an ASTA approved BS1362 fuse must be used of the same rating, marked thus ASTA .
The fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug (i.e. red). Fuse covers are available from your Draper Tools stockist.
If the fitted plug is not suitable, it should be cut off and destroyed. *The end of the cable should now be suitably prepared and the correct type of plug fitted. See below.

*WARNING:

A plug with bare flexible wires exposed is hazardous if engaged in a live power socket outlet.

WARNING: THIS APPLIANCE MUST BE EARTHED.

Green and Yellow - Earth, Blue - Neutral, Brown - Live.
As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured green and yellow must be connected to the terminal the plug which is marked with the letter 'E' or by the symbol ⏚ or coloured green or green and yellow.
The wire which is coloured blue must be connected to the terminal which is marked with the letter 'N' or coloured black or blue.
The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red or brown.
N.B. Three phase machines must be connected by a qualified electrician.

EXTENSION LEAD CHART:

Extension lead sizes shown assure a voltage drop of not more than 5% at rated load of tool.

Ampere rating (on Name plate)	3	6	10	13
Extension cable length	Wire Size mm^2			
7.5m	0.75	0.75	1.0	1.25
15m	0.75	0.75	1.0	1.5
22.5m	0.75	0.75	1.0	1.5
30m	0.75	0.75	1.25	1.5
45m	0.75	1.25	1.5	2.5

GENERAL SAFETY INSTRUCTIONS FOR POWER TOOLS

WARNING
Please read the following instructions carefully, failure to do so could lead to serious personal injury.

IMPORTANT
Draper Tools Limited recommends that this machine should not be modified or used for any application other than that for which it was designed. If you are unsure of its relative applications do not hesitate to contact us in writing and we will advise you.

1. **KNOW YOUR POWER TOOL**
   Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.
2. **KEEP WORK AREA CLEAN**
   Cluttered areas and benches invite accidents. Floors must not be slippery due to oil or sawdust.
3. **AVOID DANGEROUS ENVIRONMENTS**
   Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lit. Provide adequate space surrounding the work area. Do not use in environments with a potentially explosive atmosphere.
4. **KEEP CHILDREN AWAY**
   All visitors should be kept a safe distance from work area.
5. **STORED TOOLS**
   When not being used, all tools should be stored in a dry, locked cupboard or out of the reach of children.
6. **WEAR PROPER CLOTHING**
   Do not wear loose clothing, neckties or jewellery (rings, wristwatches) to catch in moving parts. NONSLIP footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves above the elbow.
7. **USE SAFETY GOGGLES (Head Protection)**
   Wear CE approved safety goggles at all times. Normal spectacles only have impact resistant lenses, they are NOT safety glasses. Also, use face or dust mask if application is dusty and ear protectors (plugs or muffs) during extended periods of operation.
8. **NOISE LEVELS**
   Some types of machines may have high noise levels when working. In such cases ear protection must be worn.
9. **VIBRATION LEVELS**
   Hand held power tools produce different vibration levels. You should always refer to the specifications and relevant Health and Safety guide.
10. **DUST EXTRACTION**
    If your tool is fitted with a dust extraction fitting, always ensure that it is connected and being used with a dust extractor. Vacuum cleaners can be used if suitable for the material being extracted.
11. **PROTECT YOURSELF FROM ELECTRIC SHOCK**
    When working with power tools, avoid contact with any earthed items (e.g. pipes, radiators, hobs and refrigerators, etc.). If you are using a power tool in extreme conditions (e.g. high humidity or generating metal dust), always use an RCD (residual current device) at the power socket.
12. **STAY ALERT**
    Always watch what you are doing and use common sense. Do not operate a power tool when you are tired or under the influence of alcohol or drugs.
13. **WHEN WORKING OUT OF DOORS**
    Only use extension leads designed for that purpose.
14. **ACCESS TO MAINS SOCKET**
    If a stationary machine is fitted with a moulded plug and cable, the machine should not be positioned so that access to the mains socket is restricted.
15. **DISCONNECT POWER TO THE TOOL**
    When not in use, before servicing and when changing accessories such as cutters, etc.
16. **AVOID ACCIDENTAL STARTING**
    Make sure the switch is in the OFF position before plugging the machine into the power supply.
17. **NEVER LEAVE MACHINE RUNNING UNATTENDED**
    Turn power off. Do not leave machine until it comes to a complete stop.
18. **DO NOT ABUSE THE CORD**
    Never carry the tool by the power cable or pull it from the socket. Keep the power cable away from heat, oil and sharp edges.
19. **NEVER STAND ON TOOL**
    Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted. Do not store materials above or near the tool, so that it is necessary to stand on the tool to reach them.
20. **CHECK DAMAGED PARTS**
    Check for damage to parts, breakage of parts, mountings and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.
21. **KEEP GUARDS IN PLACE**
    And in working order.
22. **MAINTAIN TOOLS WITH CARE**
    Keep tools sharp and clean for the best and safest performance. Follow instructions for lubricating and changing accessories. All extension cables must be checked at regular intervals and replaced if damaged. Always keep the hand grips on the tool clean, dry and free of oil and grease.
23. **USE RECOMMENDED ACCESSORIES**
    Consult the owners manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.
24. **REMOVE ADJUSTING KEYS AND WRENCHES**
    Form a habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
25. **SECURE WORK**
    Use clamps or a vice to hold work. This frees both hands to operate the tool.
26. **DO NOT OVERREACH**
    Keep proper footing and balance at all times.
27. **USE RIGHT TOOL**
    Do not force the tool or attachment to do a job for which it was not designed.
28. **DO NOT FORCE TOOL**
    It will do the job better and safer at the rate for which it was designed.
29. **DIRECTION OF FEED**
    Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.
30. **WHEN DRILLING OR SCREWING INTO WALLS**
    Always make sure there is no danger of hitting any hidden power cables, water or gas pipes in the wall.

IMPORTANT NOTE
Residual Risk. Although the safety instructions and operating manuals for our tools contain extensive instructions on safe working with power tools, every power tool involves a certain residual risk which can not be completely excluded by safety mechanisms. Power tools must therefore always be operated with caution !

ADDITIONAL SAFETY RULES FOR BELT & DISC SANDERS

SAFETY
Safety is a combination of operator common sense and alertness at all times when the sander is being used.

WARNING
For your own safety, do not attempt to operate the belt and disc sander until it is completely assembled and installed according to the instructions and until you have read and understand the following.

1. **STABILITY OF MACHINE:**
   There may be a tendency for the machine to tip over or move during certain operations, due to this, the sander must be bolted down.
2. **LOCATION:**
   The machine should be positioned so the operator or a casual observer are not forced to stand in line with the sanding belt or disc. This machine is intended for indoor use only.
3. **KICKBACK:**
   When sanding on the disc, always apply the workpiece left of centre of the disc. Applying the workpiece to the right side could cause it to fly up (kickback) which could be dangerous.
4. **PROTECTION: eyes, hands, face, ears and body:**
   (a) Always wear safety goggles (not glasses) that comply to a recognised standard. Wear a face mask if the operation is dusty. Wear ear plugs or muffs during extended periods of operation. Do not wear gloves, jewellery or watches. Roll long sleeves above the elbow. Tie back long hair.
   (b) Do not sand pieces of material too small to hold comfortably by hand.
   (c) Avoid awkward hand positions, where a sudden slip could cause a hand to move into the sanding disc or belt.
   (d) Never stand on the machine.
   (e) Never turn your sander "ON" before clearing the belt table and worktable of all objects.
   (f) Make sure the sanding belt runs in the right direction (directional arrow on inside of belt). Always have it adjusted correctly so that the belt does not run off the rollers.
   (g) Hold the work firmly when sanding on the belt and against the worktable when sanding on the disc.
   (h) Always adjust the worktable to within a maximum of 2mm off the sanding disc or belt.
   (i) When sanding a large piece of material, provide additional support at table height.
   (j) Never leave when the machine is on, wait until the machine has come to a complete stop.
   (k) Do not perform assembly or adjustment work on the table while the sander is operating.
   (l) Turn sander "OFF" and remove plug from power supply before removing any accessories.
5. If any part of this belt and disc sander breaks, bends, or fails in any way, or any electrical component fails to perform properly, or if any part is missing, turn off power switch, remove plug from the power supply and replace damaged, missing and/or failed parts before resuming operation.
6. Do not sand with the workpiece unsupported. Support it with the backstop or worktable. The only exception is curved work performed on the outer end of the belt (idler roller).
7. **THINK SAFETY:**
   Safety is a combination of operator common sense and alertness at all times when the sander is in operation.

CAUTION:
This Belt and Disc Sander is designed solely for wood, plastic and nonferrous metals only. Any other materials will cause damage to the product or risk of fire.

UNPACKING & CHECKING CONTENTS

Carefully unpack the sander and all the loose parts from the carton.
Fig.1 illustrates the sander and all the associated parts. Check that all of the parts are present. If some parts are missing, contact the Draper Helpline on (023) 8049 4344.

Fig.1

KNOW YOUR BELT & DISC SANDER

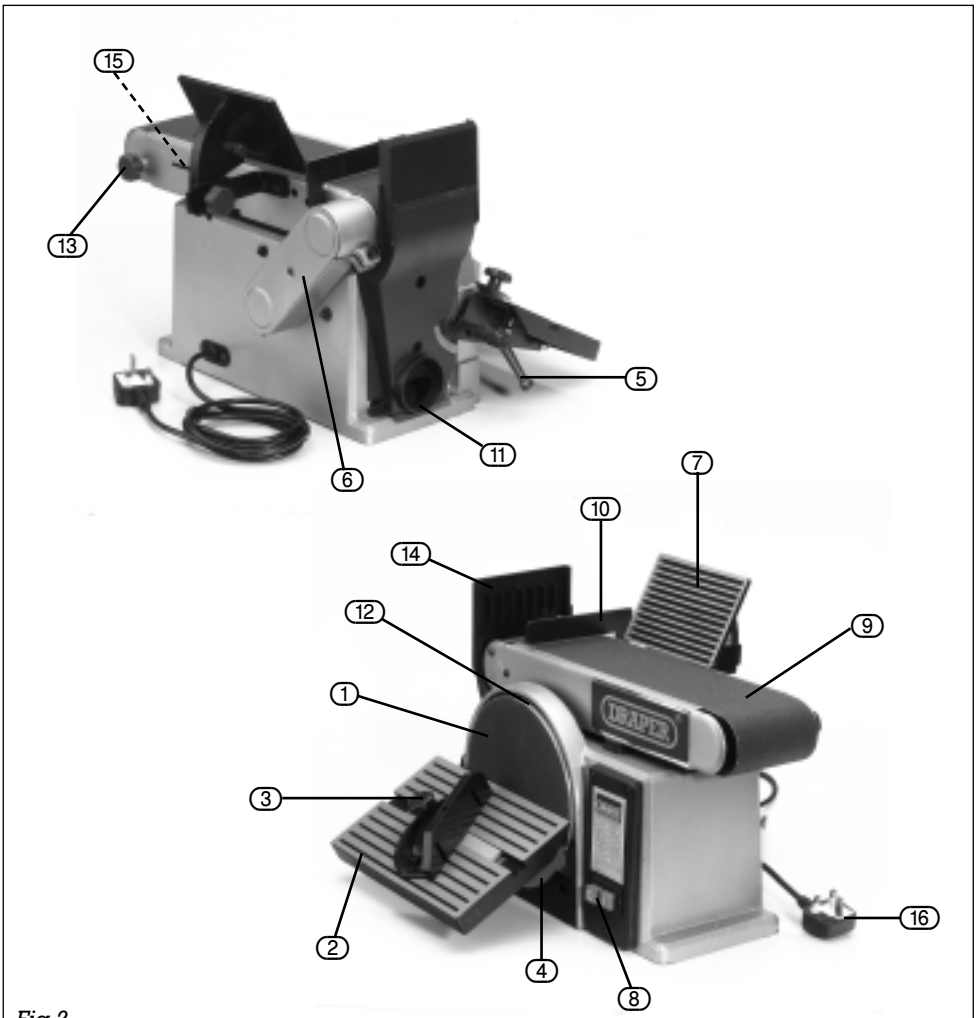


Fig.2

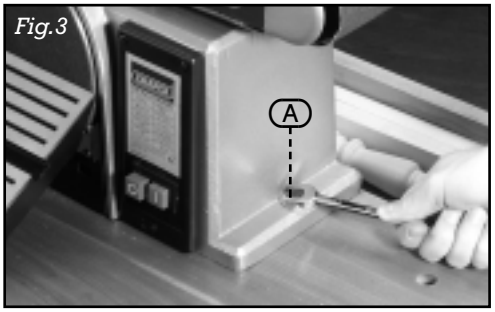
1. Sanding disc
2. Work table
3. Mitre gauge
4. Disc guard
5. Table tilt locking bolt
6. Drive belt cover
7. Work support table
8. No-volt ON/OFF switch
9. Sanding belt
10. Backstop
11. Dust extraction outlet
12. Sanding plate
13. Belt tracking knob
14. Dust deflector
15. Sanding belt tensioning lever
16. BS moulded plug and cable

ASSEMBLY

MOUNTING THE SANDER TO A WORKBENCH (*Fig.3*):

The sander should be fastened securely to a firm supporting surface such as a workbench. If mounting to a workbench, place the sander in a suitable position and mark the surface through the holes in the base (A). Remove the sander and drill the holes, align and insert the bolts and nut securely (fixings not supplied).

Fig.3



INSTALLING THE SANDING DISC TABLE (*Figs.4 & 5*):

Locate the table (B), bracket (C) and securing handle (D). Remove the bolts from the underside of the table and fit the bracket. Now offer up the assembly to the sander. Insert the locating lug into the hole in the housing and secure it in place with the locking handle (D). Using an engineers square (for example Draper Stock No.34065), adjust the table so it is square with the sander and running parallel across the disc face (approx. 2mm gap), then tighten the bolts holding the bracket to the table.

Fig.4

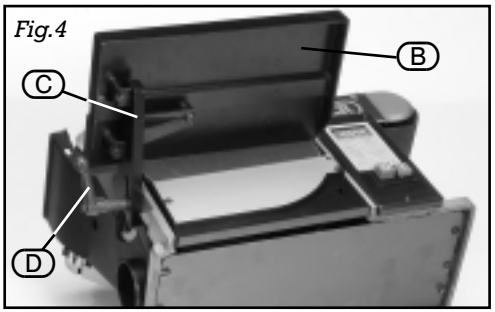
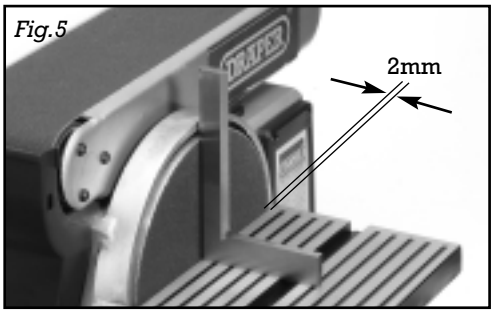


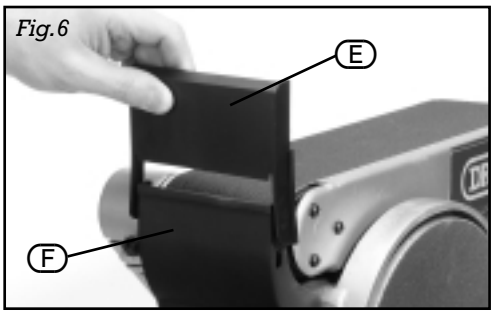
Fig.5



INSTALLING THE DUST DEFLECTOR (*Fig.6*):

Locate the pegs on each side of the dust deflector (E) into the slots on the dust collection cover (F).

Fig.6

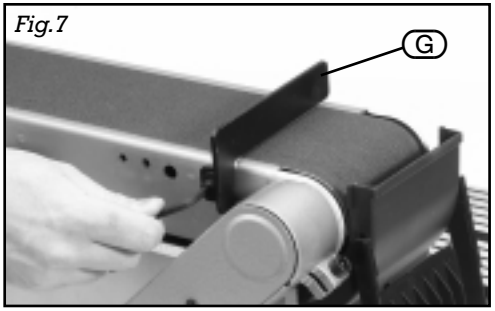


ASSEMBLY

INSTALLING THE BACK STOP (*Fig.7*):

Fix the back stop (G) in place on the back of the sanding belt assembly and adjust it with 1.5mm gap to allow sawdust to flow under.

Fig.7



INSTALLING THE WORK SUPPORT TABLE (*Figs.8 & 9*):

Bolt the support bracket (H) to the sanding belt assembly. Assemble the table to the locking bracket (I).

Slide the assembled guide onto the support bracket and lock into place with the locking knob. Use the engineers square to adjust the guide so it is square with the sanding belt. When in place lock off with the securing screw.

NOTE: The angle adjustment is only to be used as a guide.

Fig.8

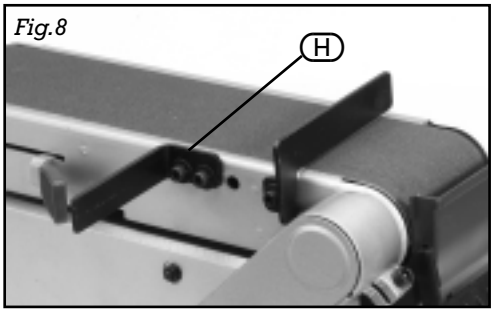
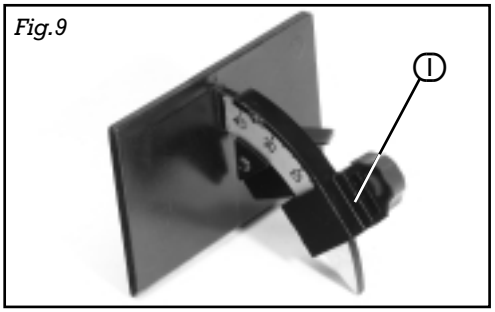


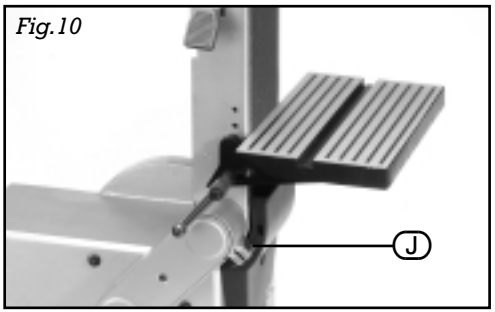
Fig.9



VERTICAL SANDING (*Fig.10*):

For the sanding belt to be used in the vertical position, the back stop, support table and bracket must all be removed. Loosen the locking bolt (J) and put the belt in the upright position and then retighten the bolt. Next the sanding disc table must be removed and fitted in the same way, but using the fixture holes in the side of the sanding belt assembly.

Fig.10



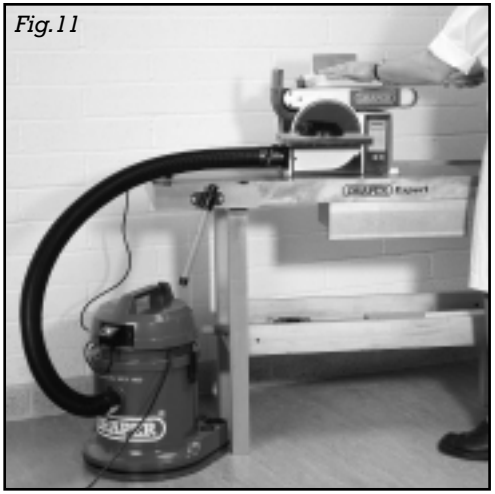
ASSEMBLY

SAW DUST EXTRACTION (*Fig.11*):

It is recommended that the sander is connected to a vacuum cleaner (for example Draper Stock No.64674) during operation, which will provide fast and efficient removal of saw dust.

NOTE: Due to the large size outlet for the dust extraction, Stock No.29786 hose and 29791 adaptor are recommended.

Fig.11



OPERATION AND USE

NO-VOLT ON/OFF SWITCH (*Fig.12*):

Note: The BDS368 is fitted with a no-volt on/off switch.

In the event of a power failure the machine will have to be manually restarted.

To switch the machine on, push the button marked Ⓘ.

To switch the machine off, push the button marked Ⓞ.

To switch the machine off in an emergency strike the Ⓞ button. *Fig.12.*

Fig.12

OPERATION AND USE

STRAIGHT SANDING (*Fig.13*):

Hold the work firmly with both hands, keeping fingers away from the belt.

Straight pieces shorter than the belt table are sanded by holding the workpiece lightly against the belt. Move it back and forth across the belt, keeping the end butted against the stop fence. This fence prevents the workpieces from slipping off the table. USE EXTRA CAUTION WHEN SANDING THIN PIECES. When finishing long pieces, remove the stop fence. Start the work at one end and gradually push it to the other end. Feed it slowly across the width, at the same time, apply only enough pressure to allow the belt to remove material. If the belt stalls and belt pulleys slip while applying moderate pressure, the belt requires more tension.

Fig.13

END SANDING ON THE SANDING BELT (*Fig.14*):

It is more convenient to sand the ends of long workpieces with the sanding belt in a vertical position. Move the work evenly across the sanding belt.

Fig.14

CONTOUR SANDING (*Fig.15*):

Inside contours: Inside curves can be sanded on the drums at either end of the machine. Hold the work firmly, press the contour lightly against the drum on one side and move the work slowly across the drum while moving up the contour against the drum.

Outside contours: Outside curves can be sanded on the belt table of the unsupported side of the belt with the table in the vertical position.

Hold the work firmly. Begin the curve lightly against one side and feed it across the belt towards the other side while moving up the contour of the workpiece.

Outside contours on the end of a workpiece can be sanded with the sanding disc. Feed the work lightly against the disc and move it back and forth from the centre of the disc to the outside edge.

DISC SANDING (*Fig.16*):

Disc sanding should be done on the outer edge of the disc which revolves downward. Applying the workpiece to the "UPSIDE" of the disc may cause it to fly up, which could be dangerous to the operator.

The mitre gauge (J) is very useful as a guide when chamfering and finishing angle sanding.

OPERATION AND USE

REPLACING THE SANDING BELT AND TRACKING (*Fig.17*):

WARNING - TO AVOID INJURY FROM ACCIDENTAL STARTING, TURN THE POWER SWITCH "OFF" AND REMOVE THE PLUG FROM THE POWER SUPPLY BEFORE REMOVING OR INSTALLING SANDING BELTS.

On the inside of the sanding belt you will find "direction arrows". The sanding belt must run in the direction of these arrows so that the splice does not come apart.

1. Loosen the bed locking screw (K) and lift the bed to approx. 45°, *Fig.17*.
2. Slide the tension lever (L) to the left to release the belt tension.
3. Place the sanding belt over the pulleys with the directional arrows pointing in an anticlockwise direction when looking at the sander from the disc side. Make sure the belt is centred on both pulleys.
4. Tension the sanding belt by sliding the tension lever back.
5. Re-connect to the power supply. Turn switch "ON" and immediately "OFF", noting if the belt tends to slide off the idler pulley or drive pulley. If the belt did not try to slide off, it is tracking correctly.
6. If the belt moves towards the disc, turn the tracking knob (M) anticlockwise ¼ of a turn, *Fig.18*.
7. If the sanding belt moves away from the disc, turn the tracking knob (M) clockwise ¼ of a turn.
8. Turn the switch "ON" and immediately "OFF" again, noting any belt movement. Re-adjust the tracking knob if necessary.

Fig.17

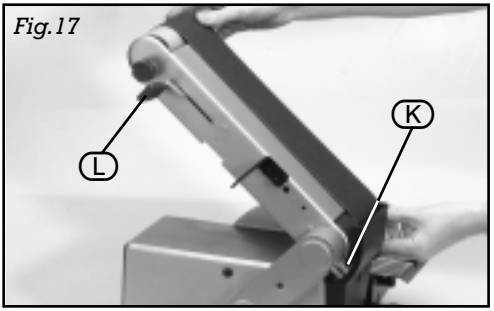
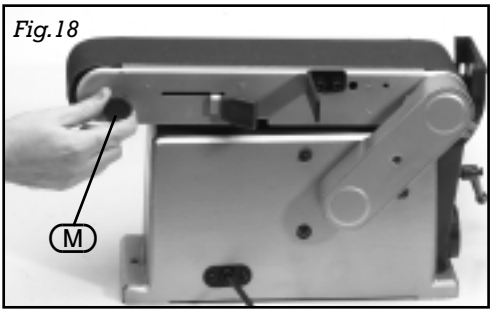


Fig.18



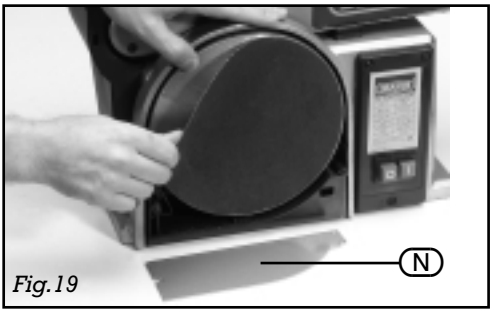


Fig.19

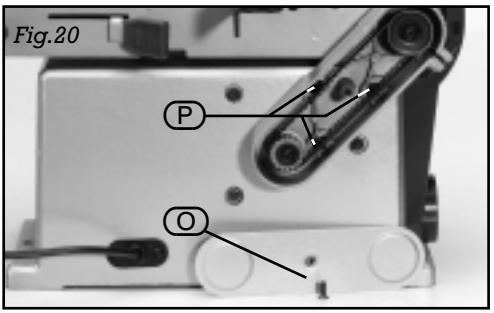
REPLACING THE SANDING DISC (*Fig.19*):

With the table removed, dismantle the sanding disc guard (N) by removing the screws. Pull off the used disc and stick the new adhesive backed disc centrally on the disc.

CHANGING THE DRIVE BELT (*Fig.20*):

Remove the single screw and take off covering plate (O). Loosen the three bolts (P) and push the housing so the drive belt becomes slack. Remove and replace the belt, re-tension the housing so the belt is sufficiently tight and secure housing bolts. Refit cover (O).

Fig.20



MAINTENANCE

WARNING: FOR YOUR OWN SAFETY, TURN SWITCH "OFF" AND REMOVE THE PLUG FROM THE POWER SUPPLY OUTLET BEFORE ADJUSTING, MAINTAINING, OR LUBRICATING YOUR BELT AND DISC SANDER.

If power cable is worn, cut, or damaged in any way, have it replaced immediately.

Frequently blow out or vacuum out any dust that may accumulate inside the motor.

A coat of wax polish applied to the worktable will make it easier to feed the work while finishing.

Do not apply wax to the abrasive belt table because the belt could pick up the wax and d deposit it on the pulleys, causing the belt to slip.

Keep machine clean and remove accumulations of dust.

LUBRICATION:
The BALL BEARINGS in this machine are packed with grease at the factory. They require no further lubrication.

TROUBLE SHOOTING

WARNING: FOR YOUR OWN SAFETY, TURN SWITCH "OFF" AND REMOVE PLUG FROM THE POWER SUPPLY OUTLET BEFORE TROUBLE SHOOTING YOUR BELT AND DISC SANDER.

TROUBLE	PROBABLE CAUSE	REMEDY
Motor will not run.	1. Defective ON/OFF switch.	1. Replace defective parts before using belt and disc sander again.
	2. Burned out motor.	2. Any attempt to repair this motor may create a HAZARD unless repair is done by a qualified service technician.
Machine slows down when sanding.	1. Drive belt too tight.	1. Decrease belt tension.
	2. Applying too much pressure to workpiece.	2. Ease up on pressure
Sanding belt runs off pulleys.	1. Not tracking properly.	1. Adjust tracking, see Operation & Use Section "Replacing the Sanding Belt - Tensioning and Tracking" on page 13.
Wood burns while sanding.	1. Sanding disc or belt is. glazed with sap.	1. Replace disc or belt.

IMPORTANT:
PLEASE NOTE ALL REPAIRS/ADJUSTMENTS SHOULD BE CARRIED OUT BY A QUALIFIED PERSON. SHOULD THE SANDER REQUIRE SENDING TO A SERVICE/REPAIR AGENT, FOR A HEALTH AND SAFETY POINT, ENSURE IT IS CLEAN OF DUST AND DEBRIS.

DRAPER HELPLINE: (023) 8049 4344

OPTIONAL ACCESSORIES

The following accessories are available from your local Draper stockist:

SANDING DISCS:

PART No.	STOCK No.	GRIT GRADE	PACK QUANTITY
SD8	51005	60	5 discs
SD8	51006	80	5 discs
SD8	51007	100	5 discs
SD8	51008	120	5 discs
SD8	51009	Assorted	5 discs

HOOK & LOOP SANDING DISCS:

PART No.	STOCK No.	GRIT GRADE	PACK QUANTITY
SD8V	52607	60	5 discs
SD8V	52608	80	5 discs
SD8V	52609	100	5 discs
SD8V	52610	120	5 discs
SD8V	52611	Assorted	5 discs

SELF ADHESIVE/HOOK & LOOP PAD 8":

PART No.	STOCK No.	GRIT GRADE	PACK QUANTITY
SD8VP	52612	-	1

SANDING BELTS:

PART No.	STOCK No.	GRIT GRADE	PACK QUANTITY
SB436	25958	60	3
SB436	25959	80	3
SB436	25960	100	3
SB436	25962	120	3
SB436	25963	Assorted	3

DRAPER
THE TOOL COMPANY

NOTES

DRAPER
THE TOOL COMPANY

NOTES

DRAPER
THE TOOL COMPANY

NOTES

THE TOOL COMPANY

DRAPER TOOLS LIMITED,
Hursley Road, Chandler's Ford, Eastleigh, Hants. SO53 1YF. U.K.
Helpline: (023) 8049 4344.
Sales Desk: (023) 8049 4333.
General Enquiries: (023) 8026 6355.
Fax: (023) 8026 0784.

www.draper.co.uk
e-mail: sales@draper.co.uk

YOUR DRAPER STOCKIST

©Published by Draper Tools Ltd.
No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical photocopying, recording or otherwise without prior permission in writing from Draper Tools Ltd.